



THE BULLSHEET



Official News Bulletin of the

Texas DX Society

An ARRL Affiliated Club

founded 1970

July 1992
Volume XVI
Number 7

The Texas DX Society, P. O. Box 540291, Houston, TX 77254-0291

President	Bill Bradford, K5GA
Vice President	Jim Carmody, NN5O
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DX Chairman	Steve Smothers, WA9VLI
Field Day Chairman	Mike Davidson, KC5CP
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ARRL Elections - It is almost time again for the election of the ARRL West Gulf Division Director. **Tom Comstock, N5TC**, has been our Director for the last two years. Prior to that he served for many years as our Vice Director. Tom is probably the most visible Director we have had in quite a while. He can be found at minor as well as major amateur events. He is active on packet, Ap-Link and H.F. As soon as he receives information regarding changes which effect us, he puts them out on the various Clusters and BBS's.

The reason for this pitch, besides the fact that Tom is good a friend of the TDXS, is that last election time there was a lot of apathy in returning ballots. When you receive your ballot, please fill it out and return it. Thanks! de Ken, KE5IV.

Announcements

Meeting Notice - The Texas DX Society meets on the second Friday of each month, except when the date is changed by the Board of Directors. This month the meeting will take place on **Friday, July 10, 1992**. This meeting will be held at **Gabby's BBQ, 3101 North Shepherd**, which is located one block north of Loop 610 North on North Shepherd and is on the west side of the street. It is well marked by a large outside sign and has ample parking. It has "walk-thru" food service and the group will be seated together off to one side of the main dinning area. The gathering should begin sometime between 6:30 and 7:00 P.M. with a short meeting starting sometime after 7:30 P.M. Visitors are welcome to attend and may obtain help in finding the location by checking in on 147.96/36 MHz.

Bullsheet Mailing List - TDXS wishes to provide the Bullsheet to those amateurs in the Houston area with an active interest in DXing and contesting. Donations to help defray publication and mailing costs are appreciated. Visitors to our regular monthly club meetings will receive the Bullsheet for three months free of charge simply by signing the Attendance List and including their mailing address.

Articles or other newsworthy items are hereby solicited by your editor. Articles should be submitted in the form of either ASCII files or as MS Word or WordPerfect word processor files. Files may be uploaded to the TDXS area on K2TNO's Bulletin Board at 713-798-4955, or sent to the Editor on either 5 1/4" or 3 1/2" diskette, either DS/DD or DS/HD. If necessary, text may be sent to via FAX to the editor at the number listed below. Files or other messages may be sent via E-Mail to: Schrader @ BCM.TMC.EDU.

For those with VHF Packet and having access to any of the local Digipeaters, or able connect directly, ASCII text can be sent directly to the Editor. Contact W5ASP at 713-974-3455 to arrange for either fax or packet transfers. Publication deadline is the first friday of the month.

Heard Island DXpedition - Cliff, KR4M, has issued a special challenge to all his DX-loving friends across the U.S. and around the world (and especially his W5-friends) to match his personal contribution of \$40 toward Jim Smith's proposed D-Xpedition to VK0 Heard Island this winter. This could be the last chance for several rare band/country counters as sunspot Cycle 22 declines. Lots of folks, including Cliff, would like to work them on 10 meters and the WARC bands.

Send your donations to VK9NS, Box 90, Norfolk Island 2899, Via Australia. Mark "For Heard Island Fund Only". Major club contributions will be recognized by their logo on the QSL cards. Jim's FAX is 011-61-2123-2258. de Cliff, KR4M.

Contest Software - A couple of solid additions to the field of contest software have been drawing attention lately. **N6TR, "Tree"** has come up with a logging program which is being used by some (particularly on the West Coast) in preference to CT or NA. This program seems to have some unique features that might appeal to the serious contester, e.g. the call of the station you're working is sent as you type it on the keyboard, not after being entered with the return key. The program apparently supports almost any contest you may run across, e.g. the various "single country" events, such as REF, PACC, CQM, etc. It will also counties as multipliers in state QSO parties, AND score them. Interested? Contact Larry Tyree, 15125 Bartell Road, Boring, OR 97009.

Gary, W9XT (NCJ's CTT&T editor) has come out with a special program for QSLing via the ARRL Outgoing Bureau. He takes the QSL label files from CT, NA, etc., and combines them into a single label file, SORTED By DXCC Country. This can save a heap of work for the DXpeditioner. One neat feature is that the QSLs for countries NOT handled by the Bureau are kept separate. The list of countries in the DXCC program as well as the prefixes can be updated by the user. In addition common database formats are supported. Check with Gary via Unified Microsystems, P. O. Box 133, Slinger, WI 53086.

DX REPORT

de Mike, AA5NK

Sorry for not having a DX Report the past two months. I was doing my thing in Egypt. Though I will be home for only ten days, the Editor would not let me off the hook for my July column, Hi!

When I was back in Cairo for R&R and office work, I was able to meet **SUIER, Ezzat Ramadan** and operate his station a few times. That is about all that is allowed in Egypt for a foreigner.

Ezzat is heavy into digital communications on HF and VHF. He has skeds with stateside hams on Amtor and accesses BBS's here also. His routing (or whatever that is called) is **SUIER.#CALEGY.AF**, for those so inclined.

He has a very complete station for all modes. A lot of the equipment is via NCDXF. He is also the president of the Egyptian Amateur Radio Society (EARS), with a membership of 33 hams. Five of them are his family members!

Ezzat is the radio communications manager for PetroBel, a state owned oil company. They use FM from the jack-up rigs in the Gulf of Suez, back to shore base and then HF from there to Cairo. Not a very sophisticated setup by today's standards.

The boys are going to **Snake Island** again to operate as **4K5ZI** from July 5-25. They are still hopeful of attaining DXCC country status.

With the bust up of Yugoslavia, there may/will be (eventually) several countries come from it: **Bosnia-Herzegovina, YU4, Croatia, YU2, and Slovenia, YU3**. But with all of the strife and fighting taking place, I am sure those people have other priorities beside separate DXCC status! (However, note the comments elsewhere in this issue regarding the upcoming WAE contest. These will count separately..ed)

S2 Bangladesh may be having regular, legal operations very soon. The government has easily passed the amateur radio regulations. **S2/HA5BUS** has been accepted for DXCC. **S2IA** should be coming up. There is also a **S2/SM6CTY** active now.

P5 North Korea is on hold for the moment. It seems that the government found some snags in the proposals and wants some time before the official IARU group proceed with their training classes. So you can take that vacation you had been holding off on.

T53UN will be active in **Somalia** for 2-6 months. that was always a good one to snag!

PY0TUP Trindade, was worked on 7052 MHz, listening at 7200 MHz the other day at 2230Z. They have been mostly on 40/80/160. (My kind of operators!)

I have received about 80 QSL requests as operator of **BY9GA** during February and March of this year. Mostly it has been European QSLs coming in. Several have said thanks for Hainan Island. This was not me, nor am I the QSL manager for **BY9GA**! I have operated from there many times and take care of my own QSL's.

Madam Jiang, the only regular operator takes care of her own QSL chores and is extremely sincere about it. Hainan Island is in the South China Sea, near Vietnam and a long way from the 9th district. a legitimate operator would be signing portable 'something', not just straight **BY9GA**. I was in Trinidad and Tobago at the time!

(I'd like to call everyone's attention to the How's DX? column in the July QST. Ellen White, W1YL has included a very interesting review of the VP8SSI Operator Handbook compiled by Marti Lane, OH32BH and Wayne Mills, N7NG. It is easily one of the very best summaries of how to run a DX operation you will ever read..ed)

ARRL DX Bulletins

ARRL DX Bulletins DX Bulletin 35, July 3, 1992

COCOS KEELING ISLANDS. VK9CB ACTIVITY HAS BEEN SPORADIC. HE WAS ON 14094 KHZ RTTY AT 1300Z. HE HAS SHOWN UP WITH **VK4UA** ON 14187 KHZ AROUND 1140Z. **VK4UA** REPORTS THIS OPERATION SHOULD RUN UNTIL JULY 3RD. QSLs VIA **VK6LA**. **VK9CB** IS PLANNING TO RETURN TO COCOS-KEELING IN DECEMBER OR JANUARY.

MOZAMBIQUE. STEVE, C9RDM, REPORTS THAT CLUB STATION **C9TDM** IS OPEN TUESDAYS AND THURSDAYS AND ON THE AIR FROM 1600 TO 1800Z. CLASSES ARE BEING CONDUCTED ON THOSE DAYS TO INSPIRE NEW HAMS. **C9TDM** HAS BEEN HEARD ON 21279 KHZ STARTING AROUND 1330Z AND GOING BY CALL AREAS. CHECK 28480 KHZ AROUND 1400Z, TOO. **OGE, C9RAJ**, IS YET ANOTHER ACTIVE NEW STATION FROM MOZAMBIQUE.

WAKE ISLAND. JIM, VK9NS, IS SIGNING **WR1Z/KH9** ON ALL HF BANDS. HIS LENGTH OF STAY IS EXPECTED TO BE FOR ABOUT ANOTHER WEEK.

ITU HEADQUARTERS. ANDY, DL4OK, WILL BE LEAVING LIECHTENSTEIN TO END HIS EUROPEAN TOUR AT GENEVA. LOOK FOR HIM SIGNING **4U1TU** THROUGH JULY 4.

SNAKE ISLAND, 4K5ZI. RB5FF AND OTHERS WILL ACTIVATE **4Z5ZI** FROM JULY 5 THRU 25. ACTIVITY WILL BE ALL BANDS/MODES. DXCC COUNTRY STATUS FOR THIS ONE HAS NOT YET BEEN DETERMINED. QSL VIA **DF8BK**.

IOTA NEWS. THE ISLAND HOPPERS GROUP WILL SIGN **EJ0SI** FROM THE **SULTEE ISLANDS, EU-103**, BETWEEN JULY 9 AND 14. QSL VIA **EI6FR**

FIJI/WESTERN KIRIBATI. THE JARL KYOTO ARC PLANS TO BE ACTIVE ON RTTY FROM **3D2** ON AUGUST 7, MOVE ON TO **T30** FROM THE 8TH THROUGH 13TH, AND THEN RETURN TO **3D2** FOR AUGUST 14 AND 15. QSL VIA **JA3OIN**.

DESECHEO. THE SAME GROUP THAT ACTIVATED **NAVASSA** IN JANUARY PLANS A BIG EFFORT FOR **KP5** IN DECEMBER. OPERATORS WILL INCLUDE **NOTG, WA4DAN, KW2P, AA4VK** AND **WORJU**.

WARC BAND AND VHF PACKETCLUSTER SPOTS.

30 METER ACTIVITY INCLUDES **OX/DK2OY, LZ1XL, S79EC, KG4DD, KP4DDB, ZA1J, IT9ORA, SV0DV9, HB0/Y33VL, OD5/SP1MHV, 3B8CF, LU4KV, 4N2AJ, HP1CWB, ZA1TAC, PY2EX, HR/F2JD, K1EFI/VP9, HH2PK, FK8GJ, VK3XU** AND **9Y4NW**.

ON **17 METERS**, LOOK FOR **HB0/Y33VL, S79EC, KH6AQ, YL2PQ, FK8GJ, ZP6CW, XQ0YAF, HC5AI, LU7EAR, WR1Z/KH9, ZL2BO, VK8KE, HR5/F2JD, OD5/SP7LSE, CE3ZW, UA9TS, 5T5CJ, V44KAQ, ZF2AH, ZD8EB, WJ3U/6Y5, PJ9EE, D2/F6BLQ, VK7AK, VO2GUY, 6Y5/WJ3U, KH6HH, KG6TA, P4/PA3ECI, VP9HE, NH6XK, HK5LEX, TG9AGR, 7Z2AB** AND **9H3KE**.

EVEN WITH LOW SOLAR FLUX, **ZLS** HAVE BEEN WORKED THIS PAST WEEK ON **12 METERS**.

SIX METERS IS HOT. LOOK FOR **KD4KVU** IN **EM67, N8NQS/VE3** FROM **EN87** AND **EN88**, AND FINALLY **XJ3S** IN **FN03**.

TROPO CONDITIONS HAVE HELPED FOLKS WORK **N8NQS/VE3** AND **KW0A** ON **TWO METERS**.

ODDS AND ENDS.

FR5ZU/T QSLs ARE ARRIVING FOR THE MARCH 92 DXPEDITION.

JA2NQG REPORTS HIS MARCH 92 MALDIVE OPERATION NETTED 2321 CONTACTS, MOSTLY CW, INCLUDING SOME ON 160 AND 6 METERS. HE WILL RETURN TO LORD HOWE ISLAND IN MID-SEPTEMBER.

FOR CONTACTS MADE AFTER JANUARY 1, 1992 WITH HS0AIT, QSL VIA W3HCW.

QSLs IN THE MAIL INCLUDE 6Y5/K2BS FROM 1/91; WN4KNN/ZP5 FROM 11/91; A61AC FROM 12/91 AND THE 8Q7CW AND FO0CI OPERATIONS FROM 3/92.

D2ACA CARDS. QSL MANAGER TOLY, UT3UY, STATES 90 PERCENT OF THE CARDS FOR NORTH AMERICA HAVE BEEN MAILED, WITH THE REMAINDER TO BE SENT WITHIN A COUPLE OF WEEKS. DITTO CARDS FOR ASIA. HOWEVER, DUE TO POSTAL PROBLEMS IN THE UKRAINE, ALL CARD BOUND FOR EUROPE ARE JUST GETTING MAILED. QSL D2ACA ONLY VIA LZ2DF OR UT3UY.

DXCC News

de Tom, N5TC

The ARRL DX Advisory Committee (DXAC) has voted as follows:

- NOT TO MAKE CEUTA AND MELLILA A SEPARATE COUNTRY
- TO LEAVE SPRATLEY AS A SEPARATE COUNTRY
- TO LEAVE SOUTHERN SUDAN AS A SEPARATE COUNTRY

Also, Bill Kennamer, K5FUV has been hired as an assistant assigned to the ARRL's DXCC desk. He will be a welcome addition to the staff.

Packet Racket

de Ken, KE5IV

It has been a while since my last update, and there are a lot of changes in the wind. Soon Bill, AB5A and I will be on the high-speed packet backbone. AB5A and a group of people to the east of the Houston area are working on a 9600 bps link to New Orleans.

The Saturday afternoon of Field Day I was attending a meeting in Bryan instead of joining the fun up at the ranch. (At least I managed to make it to the K&B Steak House Friday night!)

Within 30-60 days the TEXNET Node (BRAZOS) in Bryan will be revamped. I will become a TEXNET Node at 9600 bps R.F. I have given KG5ZD two G.E. EXEC II's to use as new user ports. Carl, WB5DDP, will be in Houston this week and pick up a data-engine, modem, and DRSI PCPA12-96 to evaluate and see what is needed to merge the TEXNET and the TCAPS systems. Hopefully all this will take place soon.

MAGBPQ has been on the air for a while now and does appear to improve access for users north of Houston. It will probably by early September before I put a radio on the UHF user port...with frequency to be announced later.

As you can see, we aren't standing still. Remember your support will go a long way to make all this happen right for all of us.

TEXNET Update

de Harry, N0CCW

This is a summary of a Meeting held in College Station on 27 June 1992 regarding the expansion of TEXNET facilities in/around College station, the extension of the packet backbone to Hempstead, and the effort to link BRAZOS by RF to MOODY. Attendees: Tom, N5TC; Jim, KE5HE; Jim, KG5ZD; Ken, KE5IV; Randy, WC5Q; Neil, KF5LN; Carl, WB5DDP; Harry, N0CCW

There was a general discussion on the desire, feasibility and methods of expanding the TEXNET facilities, in and around College Station, to provide extension of the RF Backbone towards Houston was accomplished at length. Concurrently there was discussion of linking Brazos by RF to/from MOODY, either direct from BRAZOS or possibly through another node installed at HEARNE, QTH of KESHE. In addition there was discussion on how to link, in some way, the TCAPS 19.2KB system with TEXNET, either in College Station or at Hempstead, by RF 9600 or 1200 baud or by direct wire interface.

To say that the discussions were far ranging, involved and rapid would be understating. I think everyones "excitement button" got pushed!! To me, one of the most important aspects was the total cooperation of all in the desire to improve packet coverage throughout the area and with not one disagreeable moment, although there was some differences of opinion, as there should be. A display of the true Amateur Spirit in action.

From these, came the following decisions or action steps or directions: Installation of an additional node (BRAZOS2) in College station, linked to BRAZOS by 9600 445.1 Backbone. The new node will have as user port 1, 446.1MHZ. The Brazos node will retain the existing 145.05 Port 1 user port and BRAZOS port 0 will be converted back to 9600, providing backbone to BRAZOS2, MOODY (possibly thru HEARNE) and HEMPSTEAD. User port and BRAZOS port 0 will be converted back to 9600, providing backbone to BRAZOS2, MOODY (possibly thru HEARNE) and HEMPSTEAD.

Installation of a Full TEXNET node at HEMPSTEAD, providing local direct access by the DXCluster and 9600 RF towards Houston. KE5IV, Ken, is loaning a Kantronics Data Engine AND a DRSI 12/9600 Board to Carl, for feasibility testing of direct interface of either or both to TEXNET. When it is known whether BRAZOS can, in fact, access MOODY direct or will require an additional node at HEARNE and the outcome of tests tests by Carl, WB5DDP the decision will be made whether Jim KESHE will need an NCP or NCPPC or an DRSI 12/9600 to fulfill both Jims desire to have direct TEXNET access and the area access to MOODY. Additionally the hardware tests will define the feasibility of various interface choices.

TPRS will provide some "seeding" to assist in the financial burden as it is readily seen that the over all project is much more advantageous to the state effort than it is solely to the local area there. Specifics of this "seeding" will be covered in other correspondence and will entail NCP boards and RCA radios. We now have a firm commitment for this project from all concerned and therefore I propose to initiate action ASAP to generate activity from Houston in developing link(s) to Hempstead. There are several NCP board owners in the greater Houston area to be contacted. We might soon see full linking into and PAST Houston! My deepest thanks to the attendees for the willingness to give up some of their planned Field Day activities to attend and a very special thanks to Tom N5TC for picking up the lunch tab!

Contest Advisory Committee Report

de Kurt, NI6W

(What follows is an extract of an article by Kurt Address, NI6W which appeared in the May-June 1992 issue of the Southern California Contest Club's newsletter, *SCCCORE*..ed)

The CAC has not been moving too swiftly this past few months. K5ZD, Randy has just taken over as chairman and recently sent out a short ballot. Here are the items on the ballot.

1. Change ARRL DX Contest rule 8E to allow aeronautical and maritime mobile DX stations to be worked for QSO points only.

2. Add Club competition and awards to the 160 Meter Contest.

3. Add Club competition and awards to the 10 Meter Contest.

The following items are non-binding opinion votes to determine if these issues should be proposed, tossed, or discussed further.

1. Allow operation of a QRP transmitter at Field Day for 10 points per QSO regardless of power used by other transmitters.

2. Are rules changes needed to clarify the VHF Contest Rover category as a mobile only class to prevent stations from operating from a home station in one grid square and then going mobile in others, thus outscoring true Rovers?

3. Do we need single operator assisted categories for 10 Meter, 160 Meter RTTY and SS contests?

4. ARRL Membership Services Manager, K8CH, has asked CAC to review the entire Contest Plaque Program. The DX and SS contests offer plaques for various categories sponsored by interested parties. The VHF QSO Party only offers plaques for the national top ten. Many of these go unsponsored, and since the contest heavily favors the New England-DC corridor (what's new?) awards are essentially unavailable to anyone outside the area.

5. The Frankford Radio Club has asked for a change to the requirements for member participation in a multi-op station for submission towards top score. There are suggestions to reduce the member-operator requirement from 2/3 to 1/2, or to eliminate the requirement altogether.

There are quite a few old unresolved issues. Most of the correspondence is from ARRL members and does not seem to be eliciting much comment from the committee. Quite a few complaints recently about congestion in the last 10 Meter Contest, asking for a band plan to keep us out of the novice sub-band. Also, more suggestions for opening up Field Day to scoring opportunities for alternate modes.

(Though we have not been asked to do so by our W5 CAC representative, Jim, K5RX, I will be glad to pass on to him any written comments from Bullsheet readers that I receive regarding the above..ed)

Contest Scores

Claimed

JARL All Asia CW

KI3I/5.....230 Q X 12 M - 25,760

W5ASP.....129 Q X 81 M - 10,449

Texas QSO Party

ONSKI.....5 Q X 4 M
 JH1UUT.....2 Q X 2 M
 JL1MWI.....1 Q X 1 M
 VE3KK.....36 Q X 36 M
 N6MU (CA).....254 Q X 129 M
 KE4GY (AL).....225 Q X 134 M
 W6UQF (CA).....219 Q X 134 M
 N6AA (CA).....149 Q X 103 M
 KF9FU (IL).....150 Q X 121 M
 N6HC (CA).....127 Q X 83 M
 W6MVW (CA).....51 Q X 50 M
 K5ZD/3 (PA).....48 Q X 34 M
 NU4N (KY).....33 Q X 29 M
 N6AZE (CA).....26 Q X 24 M
 K7LXC (WA).....19 Q X 12 M
 K5OJI (TX).....742 Q X 266 M
 N5DO (TX).....532 Q X 142 M
 KE5OG (TX).....480 Q X 124 M
 KI3L/5 (TX).....219 Q X 64 M
 AA5UO (TX).....200 Q X 73 M
 WB5KIA (TX).....51 Q X 24 M
 W5NR (TX).....43 Q X 40 M
 WA5DTK (TX).....40 Q X 33M

Results

1991 ARRL 10 Meter

W5WMU(K5ZD)2402 Q X 230 M = 1.55M #7 Mixed/QRO
 NR5M.....3005 Q X 151 M = 908K #4 SSB/QRO
 KE5FI.....2808 Q X 154 M = 865K #5 SSB/QRO
 K5NA/2.....1763 Q X 134 M = 956 K #2 CW/QRO
 KI3L/5.....2062 Q X 208 M = 1.2M #2 STX Mixed/QRO
 N5RP.....724 Q X 141 M = 352K #1 STX Mixed/Low
 KC5CP.....532 Q X 185 M = 278K #2 STX Mixed/Low
 AK5B.....276 Q X 132 M = 102K #3 STX Mixed/Low
 NN5O.....624 Q X 89 M = 111K #6 STX SSB/QRO
 W5ASP.....1000 Q X 125 M = 500K #2 STX CW/QRO
 K5WA.....886 Q X 118 M = 421K #3 STX CW/QRO
 AA5NK.....294 Q X 89 M = 105K #4 STX CW/QRO
 AC5K.....286 Q X 73 M = 84K #2 STX CW/Low
 K5RC(K2UA,K5GA,K5RVK)362 Q X 121 M #2 STX M/S

Contest Corner

The Deutscher Amateur Radio Club (DARC) has added the following to the Worked All Europe (WAE) list of European countries: YU1, 5, 6 and 7 (Yugoslavia); YU2 (Croatia); YU3 (Slovenia); YU4 (Bosnia & Herzegovina). These new multipliers will be in effect during the upcoming WAE contests, CW on August 8/9 and SSB on September 12/13. Contesters using K1EA's CT should update their .CTY files accordingly. Version 8.05 files dated 04-08-92 do NOT reflect these changes.

Weekly DX and Contest Net

Each Tuesday night at 2100 CST, the Texas DX Society sponsors a DX and contest net on 147.96/36 MHz. The purpose of this net is to exchange information of interest to DXers and contesters. The agenda includes general and club announcements, DX information, contest information, QSL routings, propagation forecasts and related topics. Participation is not limited to members of TDXS, but is open to all and everyone is free to join in.

More Signs of a Burned Out Contester

de Jim, K8MR

(The following appeared in the April/May issue of Mad River Radio Club's newsletter *Flash*.ed)

K1AR provided an interesting list in his September CQ contest column of signs of a burned out contester. A few signs, however, were missed. Here they are:

- You have started going through your old HA QSL cards to play Rummy-on-the-Air.
- You mark down the dates for the QCWA QSO Party.
- Ditto for the Classic Radio Exchange
- You believe that your antenna is working great because everyone you worked in the contest gave you a 59 report.
- You start giving out honest signal reports.
- You ask the other guy to QRS and repeat...on phone.
- You attend the local swapfest on the first Sunday in November.
- You tell the kids they can have the computer for the weekend, and start searching through the drawer where you kept the blank log sheets.
- You decide that Friday night in Dayton is a good time to get some sleep before the big day.
- You recognize the model number of ICOM's latest handi-talkie.
- In shopping for you new high end contest rig, you check out which ones have FM capability.

Telephone RFI

de Barry, KU3X

(I spotted this in *The Frankford Radio Club Newsletter* - June 1992. Since the outfit mentioned was just up the road from us, I thought some of you might like to know about it..ed)

Still can not get the RFI out of the telephone. Some telephones are just not cost effective to modify. Also, FCC Bulletin FO-10 says, "...Only authorized service technicians may internally modify telephone instruments". A lot has changed since the above mentioned bulletin was published. But remember one thing, if you modify your neighbor's telephone and it quits one month later because it took a lightning hit, they will say it is your fault! As soon as you touch anything in your neighbor's house, you become liable.

The FCC has come out with an article titled, "Some facts you should know about telephone interference". The article offers some helpful hints on how to find out where the RFI is getting into the system and some additional suggestions on how to resolve the problem. Also, it tells all of the parties involved whose responsibility it is to resolve the RFI problem. That's not to say that you shouldn't get involved in helping resolve the problem.

If after troubleshooting the RFI problem you find out that the telephone is the problem, the easiest solution to the problem is to get a telephone that is made to operate in an RF environment. TCE Laboratories supplies just these kind of telephone. My AT&T telephone that was used in my kitchen was effected with only 100 watts output from my TS 930S. Ferrite beads and .001 caps did not have any effect at all. There was no way I could even think of running 1500 watts while my wife was using that telephone. I decided to try a

telephone from TCE Laboratories. I can now run full power output from the 4-1000 amp on any band and with the beams aiming in any direction. The telephone is not effected at all.

I am not trying to promote TCE Laboratories, but if telephone RFI is keeping you from operating your equipment, then their products should be helpful in getting your problem solved and you back on the air.

Their address is as follows: RR 9, Box 243 D, New Braunfels, Texas 78133. Telephone number is 1-800-545-5884. They have a wide variety of telephones, line filters, and other products. All products are guaranteed to eliminate your problem or your money back. (Sorry, they do not except charge cards.)

Bits & Bytes

de Casper, SP00K

A sudden upsurge in new virus' has been reported, apparently tied in with the current election year. They are:

- George Bush Virus - Doesn't so anything, but you can't get rid of it until November.
- Pat Buchanan Virus - Shifts all output to the extreme right of the screen.
- David Duke Virus - Makes your screen go completely white.
- Bill Clinton Virus - This virus mutates from region to region...not exactly sure what it's supposed to do.
- Jerry Brown Virus - Blanks out your screen and begins flashing an 800 number.
- Ross Perot Virus - Similar to the Jerry Brown virus, only with nicer fonts which appear to have a lot more money put into its development.
- Ted Kennedy Virus - Crashes your computer but denies it ever happened.
- Dan Quayle Virus - Forces you computer to play "PGA Tour" from 10 AM to 4 PM.
- Richard Nixon Virus - an outgrowth of the "Tricky Dicky Virus". You can wipe it out, but it always makes a comeback.
- Congressional Virus - Overdraws your disk space.
- Warren Commission Virus - Won't allow you to open your files for 75 years.

Upcoming Events

July 10.....	Texas DX Society Meeting
July 11.....	LARU HF World Championship
July 11.....	CQ WW VHF WPX Contest
August 01.....	North American QSO Party CW
August 07.....	Texas State Convention, Austin, TX
August 08.....	European (WAE) DX Contest CW
August 14.....	Texas DX Society Meeting
August 15.....	North American QSO Party SSB
August 28.....	New Orleans DX Convention
October 10.....	W5 DX Bash, Lake Buchanan, TX

Due Dates

(Contest Logs must either be postmarked (*) or received (!) by the dates listed...Get Your Logs In!)

July 28 (*).....	ARRL Field Day
July 30 (*).....	JARL All Asia DX CW Contest